

## Dr. Jérôme Waser

Full Professor in Organic Chemistry, Co-Director NCCR Catalysis  
Laboratory of Catalysis and Organic Synthesis (LCSO)  
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## Education and Academic Positions

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- 2019- Full Professor in Organic Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.
- 2014-2019 Associate Professor in Organic Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.
- 2007-2014 Assistant Professor in Organic Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.
- 2006-2007 Stanford University, chemistry, Stanford, California, USA  
Postdoctoral studies, adviser: *Prof. Barry M. Trost*
- 2002-2006 Swiss Federal Institute of Technology (ETH), chemistry, Zurich, Switzerland  
Ph. D., adviser: *Prof. Erick M. Carreira*, degree in 2006

## Awards and Fellowships

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- 2024 Teaching award of the section of chemistry and chemical engineering at EPFL
- 2017 ERC Consolidator Grant 2017
- 2016 Springer Heterocyclic Chemistry Award
- 2014 Werner Prize 2014 of the Swiss Chemical Society
- 2013 ERC Starting Grant 2013

## Selected Publications

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- (5) “*Ligand-Directed Site-Selective Cysteine Bioconjugation of the KELCH Domain of KEAP1 with Hypervalent Iodine Reagents*”  
Marty, C.; Ji, X.; Nicolai, S.; Heinis, C.; Waser, J. *J. Am. Chem. Soc.* **2025**, *147*, 42524.
  - (4) “*Enamine Synthesis via Regiocontrolled 6-endo-dig and 5-exo-dig Tethered Carboamination of Propargylic Alcohols*”  
Sole-Avila, H.; Purins, M.; Eichenberger, L.; Waser, J. *Angew. Chem., Int. Ed.* **2024**, *63*, e202411383.
  - (3) “*Photocatalytic Decarboxylative Functionalization of Cyclopropenes via Cyclopropenium Cation Intermediates*”  
Smyrnov, V.; Waser, J.\* *Angew. Chem., Int. Ed.* **2024**, *63*, e202404265.
  - (2) “*Accessing elusive  $\sigma$ -type cyclopropenium cation equivalents through redox gold catalysis*”  
Li, X.; Wodrich, M. D.; Waser, J.\* *Nat. Chem.* **2024**, *16*, 901.
  - (1) “*Photocatalyzed  $[2\sigma + 2\sigma]$  and  $[2\sigma + 2\pi]$  Cycloadditions for the Synthesis of Bicyclo[3.1.1]heptanes and 5- or 6-Membered Carbocycles*”  
Nguyen, T. V. T.; Bossonnet, A.; Wodrich, M. D.; Waser, J.\* *J. Am. Chem. Soc.* **2023**, *145*, 25411.
- Full academic CV available at: <http://lcs0.epfl.ch/waser>